

Comparisons of Job Characteristics

Focus Occupation: [Electronic Equipment Installers and Repairers, Motor Vehicles \(49-2096\)](#)

Associated Occupation: [Automotive Service Technicians and Mechanics \(49-3023\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: [Electronic Equipment Installers and Repairers, Motor Vehicles \(49-2096\)](#)

Associated Occupation: [Automotive Service Technicians and Mechanics \(49-3023\)](#)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	20.8	17.8	<	Expanded education and/or training may be required
Customer and Personal Service	11.3	15.1	10.5	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	12.9	12.3	0	Current knowledge level may be sufficient
Physics	4.3	8.6	6.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: [Electronic Equipment Installers and Repairers, Motor Vehicles \(49-2096\)](#)

Associated Occupation: [Automotive Service Technicians and Mechanics \(49-3023\)](#)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Repairing	3.4	12.7	11.9	0	Current skill level may be sufficient
Equipment Maintenance	3.5	11.6	10.7	0	Current skill level may be sufficient
Troubleshooting	4.5	11.4	11.1	0	Current skill level may be sufficient
Operation and Control	5.4	11.1	9.1	<	A higher skill level may be required
Operation Monitoring	6.6	10.9	10.0	0	Current skill level may be sufficient
Quality Control Analysis	5.9	10.4	9.1	<	A higher skill level may be required
Equipment Selection	3.3	9.4	8.4	<	A higher skill level may be required
Installation	1.7	6.4	9.7	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 87			
Focus Occupation: Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096) Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	14.4	11.6	<	Some improvement in abilities may be required
Control Precision	6.6	13.5	10.7	<	Some improvement in abilities may be required
Finger Dexterity	7.6	12.6	12.0	0	Current ability level may be sufficient
Manual Dexterity	6.5	12.4	10.3	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.2	12.6	0	Current ability level may be sufficient
Multilimb Coordination	6.0	12.0	9.0	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	11.8	7.1	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	10.6	7.7	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.9	5.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 81
Focus Occupation: Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096) Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)		
Work Activities	Exclusivity of Activity	
Determine installation, service, or repair needed	58	
Estimate cost for repair services	82	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install electronic equipment, components, or systems	62	
Obtain information from clients, customers, or patients	40	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read technical drawings	7	
Repair or replace electrical wiring, circuits, fixtures, or equipment	49	
Test electrical/electronic wiring, equipment, systems or fixtures	54	
Understand service or repair manuals	40	
Understand technical operating, service or repair manuals	6	

Use electrical or electronic test devices or equipment	40
Use hand or power tools	2
Use soldering equipment	44
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 86

Focus Occupation: Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Tools and Technologies	Exclusivity
Body tools	70
Computers	1
Cutting and crimping and punching tools	3
Data management and query software	1
Electrical measuring and testing equipment	7
Forming tools	2
Holding and clamping tools	3
Industry specific software	1
Machine tools	7
Network applications software	1
Power tools	2
Rough and finishing tools	5
Soldering and brazing and welding machinery and supplies	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.